

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
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STEFFEN TSCHIRCH) **BOX Application**
)
Application No. [Not Assigned])
Continuation Corres. Serial No. 09/319,585)
)
Filed: August 14, 1999)
)
For: LIQUID ELECTROLYTE)
BATTERY)

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the subject application as follows.

IN THE DESCRIPTION

Page 1, after the title, insert the following new paragraph:

-- This application is a continuation of U.S. Application No. 09/319,585 filed on September 10, 1999, which was a national stage filing under 35 U.S.C. §371 of International Application No. PCT/DE98/01472 filed on May 28, 1998, which International Application was not published by the International Bureau in English on April 22, 1999. --

09/319,585-019

IN THE CLAIMS

Amend Claims 4, 7, 9, 12, 13 and 17 as follows:

4. (Amended) Liquid electrolyte battery according to claim 1, characterized in that in the vicinity of the upper edge of the first plate-like element [(4)] is provided a first return flow preventer for preventing the return flow of a first electrolyte wave.

7. (Amended) Liquid electrolyte battery according to claim 1, in that the liquid electrolyte circulating device is placed on both casing sides.

9. (Amended) Liquid electrolyte battery according to claim 1, characterized in that a second return flow preventer with a collecting volume for preventing the return flow of a reflected electrolyte wave is provided.

12. (Amended) Liquid electrolyte battery according to claim 10, characterized in that the heating element is placed on or in an inner partition of the battery.

13. (Amended) Liquid electrolyte battery according to claim 10, characterized in that a plate-like element is provided as a heat protection means between the wall-side heating element and the electrodes.


17. (Amended) Liquid electrolyte battery according to claim 10, characterized in that additionally a liquid electrolyte circulating device is provided.

REMARKS

The present amendment is requested to delete reference to the multiple dependency from the original claims for calculation of the U.S. filing fee.

Respectfully submitted,

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Attachment to Amendment dated August 14, 2001

Marked Copy: Claims 4, 7, 9, 12, 13, 17 [As Amended]

4. (Amended) Liquid electrolyte battery according to [one of the preceding claims] claim 1, characterized in that in the vicinity of the upper edge [(4a)] of the first plate-like element [(4)] is provided a first return flow preventer [(7)] for preventing the return flow of a first electrolyte wave.

7. (Amended) Liquid electrolyte battery according to [one of the preceding claims] claim 1, in that the liquid electrolyte circulating device is placed on both casing sides [(1b, 1d)].

9. (Amended) Liquid electrolyte battery according to [claims] claim 1 [to 6], characterized in that a second return flow preventer [(9)] with a collecting volume [(10)] for preventing the return flow of a reflected electrolyte wave is provided.

12. (Amended) Liquid electrolyte battery according to claim 10 [or 11], characterized in that the heating element [(12)] is placed on or in an inner partition of the battery.

13. (Amended) Liquid electrolyte battery according to [one of the claims 10 to 12] claim 10, characterized in that a plate-like element is provided as a heat protection means between the wall-side heating element and the electrodes [(2)].

17. (Amended) Liquid electrolyte battery according to [one of the claims 10 to 16] claim 10, characterized in that additionally a liquid electrolyte circulating device [according to one of the claims 1 to 9] is provided.